USN

Seventh Semester B.E. Degree Examination, Dec.2019/Jan.2020
Programming the Web

Time: 3 hrs.   Max. Marks:100

Note: *Answer any FIVE full questions, selecting*
atleast TWO questions from each part.

PART – A

1 a. What is HTTP? Explain its phases in detail. **(10 Marks)**
   b. Explain the following tags with example:
      (i) < a >   (ii) < img >   (iii) < blockquote >   (iv) < meta > **(08 Marks)**
   c. Explain MIME type specifications. **(02 Marks)**

2 a. Explain the following with respect to table creation in XHTML documents:
      (i) Align and valign attributes
      (ii) Rowspan and colspan attributes
      (iii) Cell Padding and Cell spacing attributes. **(06 Marks)**
   b. Different between HTML and XHTML. **(06 Marks)**
   c. List out the variety of selector forms available in CSS and explain in detail. **(08 Marks)**

3 a. Explain the different levels of style sheets available in CSS. **(04 Marks)**
   b. Explain the concept of object creation and modification in Javascript. **(08 Marks)**
   c. Explain with examples, the screen output and keyboard input methods. **(08 Marks)**

4 a. Explain events and event handling in Javascript. **(10 Marks)**
   b. Explain the different types of positioning elements in Javascript with example. **(10 Marks)**

PART – B

5 a. Explain XML Document Type Definitions with example. **(10 Marks)**
   b. With a neat diagram explain the transformation process by an XSLT processor. **(07 Marks)**
   c. Explain the purposes of XML processors. **(03 Marks)**

6 a. Explain string functions in PERL. **(05 Marks)**
   b. Explain the concept of Arrays in PERL. **(06 Marks)**
   c. What is CGI? With a neat diagram, explain communication configuration for CGI. **(09 Marks)**

7 a. Explain the four scalar types of PHP. **(06 Marks)**
   b. Explain how to create a cookie in a PHP script. **(08 Marks)**
   c. Explain Session Tracking in a PHP script. **(06 Marks)**

8 a. Explain the concept of Classes in Ruby. **(10 Marks)**
   b. Explain how to build the Database in Rails. **(10 Marks)**

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